



Fire alarm systems Heat detectors 6275 and 6276

- Fixed temperature alarm level
- Latching
- Can be plugged in a conventional or an addressable base

General

The detectors are conventional fixed temperature heat detectors, i.e. they "give an alarm" at a certain fixed temperature.

6275 goes into alarm at 60°C.

6276 goes into alarm at 80°C.

The detector's sensing element consists of a bimetal contact. At the reached alarm temperature the bimetal makes contact and the detector "gives an alarm". An LED, in the base the detector is plugged into, indicates this. The base also has an output for an external LED indicator 2216 / 2217.

Latching

The heat detectors are latching, i.e. the detectors will not be automatically reset if the temperature falls below the detector's "alarm temperature" (60°C and 80°C respectively). The detector will be latched and the LED in the base and an ext. LED will be lit until reset is performed in the c.i.e.

Miscellaneous

The detectors 6275 and 6276 can be plugged into a conventional base (2324) connected to a conventional zone line input (or an older addressable base (2330) connected to a COM loop).

Product applications

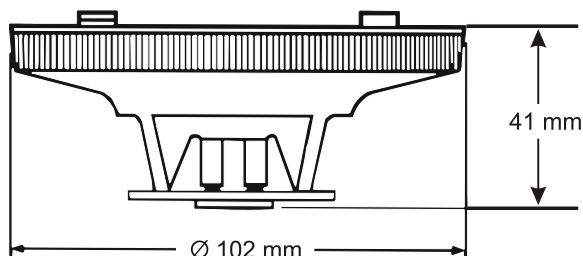
The heat detectors can be used in the systems EBL500 / 512 / 128 / 1000 / 2000.

The detectors are intended for indoor use and in dry premises.

Heat detector applications are small rooms where the temperature can be expected to rise rapidly in case of a fire or places where smoke detectors can not be used.

Type numbers

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|------|---|
| 6275 | Heat detector, fixed temperature 60°C, latching |
| 6276 | Heat detector, fixed temperature 80°C, latching |



Technical data

| | |
|--|--|
| Voltage (V DC) | |
| rated | 24 |
| allowed | 12-30 |
| normal | 24 |
| Current consumption at nom. volt. (mA) | Depending on the type of base it is plugged into. For more details, see the base respectively. |
| quiescent (detector only) | 0 |
| active (detector only) | Max. 70 (Current limitation in all EBL equipment) |
| Ambient temperature (°C) | 6275 / 6276 |
| operating | -10 to +40 / -10 to +60 |
| storage | -25 to +70 / -25 to +70 |
| Ambient humidity (% RH) | max. 95, non condensing |
| Ingress Protection rating (estimated) | IP22 |
| Alarm temp. (fixed temp.) | 60°C (6275), 80°C (6276) |
| Weight, detector only (g) | 70 |
| Colour | grey (N8, Munsell colour code) |
| Approvals | CE, EN54-5, response grade 1 (6275) CE, EN54-8, temp. range 1 detector (6276) |

All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

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| Product Leaflet | Date of issue | Revision / Date of revision |
| MEW00012 | 2000-05-15 | 5 / 2006-08-31 |